



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Salt Lake District Office  
2370 South 2300 West  
Salt Lake City, Utah 84119



IN REPLY REFER TO:

3809  
U-69380  
(UT-026)

5/003/020

CERTIFIED MAIL P760 541 101  
RETURN RECEIPT REQUESTED

MAR 31 1993

**DECISION**  
**MINING PLAN OF OPERATIONS**

Gary Mullard  
Northern Stone Supply  
P. O. Box 249  
Oakley, Idaho 83346

RECEIVED

APR 1 1993

DIVISION OF  
OIL GAS & MINING

Dear Gary:

Your Plan of Operations and amendment for your turquoise stone operation in western Box Elder County, Utah, have been reviewed by our office staff for compliance to NEPA and BLM's 3809 surface mining regulations. The NEPA process identified some mitigating measures to negate impacts to our natural resources. Your plan of operations and amendment are approved with the following stipulations:

1. Waste stone, upstream of the crusher site, which has fallen into and around Rock Creek must be removed and the stream relocated into the original stream bed. Upon the discretion of our wildlife specialist, some of the large rock material may be left in place in the stream channel if they are creating pools, slowing water velocities, and improving the diversity of the habitat within the stream.
2. Re-vegetate disturbed areas along the riparian zone using native plant species as specified by the authorized officer.
3. The control of noxious weeds must be conducted in accordance with local, state, and federal laws.
4. A raptor study will be conducted by our wildlife specialist and impacts to raptors, if any, will be analyzed for their effect on the plan of operations.
5. Should subsurface cultural material be located during mining or haul road construction, activities will cease and the Salt Lake District Office, Bear River Area Manager will be notified immediately.



6. Removal of vegetation from inside or adjacent to the stream will not be allowed without prior written permission from the authorized officer.

7. The upper fence and locked gate should be removed as it appears to have no bearing on the fencing needs mentioned in the plan or its amendments. The lower fence should conform to standards for a BLM deer fence (see attachment B). The lower gate should be moved and the fence realigned so that only that acreage necessary for mining is excluded from multiple-use. The sign indicating that lands behind the lower gate are private property must be removed.

8. All impacts from the construction of the proposed airfield will be reclaimed. Prior to construction of the airfield all topsoil (6" to 12" of surface material including vegetation) will be removed, saved and maintained for reclamation purposes and a detailed design will be prepared and submitted for approval as an amendment to the plan, showing cuts and fills, water handling system, type of surfacing material, and any fencing requirements.

9. Topsoil stored for a long term should be stabilized to prevent loss of soil fungi and fertility by planting grass species and crimping in 1 ton per acre mulch.

10. Since the acreage of your operation exceeds 5 acres, you are required to provide a reclamation bond. The State of Utah also requires a bond for large mining operations. To prevent double filing of a bond, the State of Utah will hold the bond for this operation with the United States Government as a joiner.

In a recent conversation between Dan Washington of my staff and Tony Gallegos, State of Utah, Division of Oil, Gas and Mining, they discussed making a joint inspection of your operations this spring when you start operation again after winter shut down. Please let us know when you plan to begin operations and what dates are available.

Your mining activity will occur concurrently with other activities on the public lands. When proceeding with your on-the-ground operations, please inform your field personnel of these stipulations and take the necessary precautions to prevent undue damage or degradation to these other resources.

Thank you for your concern and positive attitude towards conserving and protecting our natural resources. If you have any questions, please feel free to contact Dan Washington, our surface protection specialist for 3809 activities at (801) 977-4359.

Enclosed for your information is a copy of the Environmental Assessment completed by our office for this action.



Approval of this plan will not now, nor in the future, serve as a determination of the ownership or validity of any mining claim to which it may relate.

You have the right to appeal to the Utah State Director, Bureau of Land Management, in accordance with 43 CFR 3809.4. If you exercise this right, your appeal, accompanied by a statement of reasons and any arguments you wish to present, which would justify reversal or modification of the decision, must be filed in writing at this office within 30 days after the date of this decision. This decision will remain in effect during appeal unless a written request for a stay is granted.

LEON E. BERGGREN

Leon E. Berggren  
Bear River Resource Area Manager

cc: Anthony A. Gallegos, UDOGM  
Kim Fuller



FOUR-STRAND 42 INCH-DEER-FENCE MODIFICATION

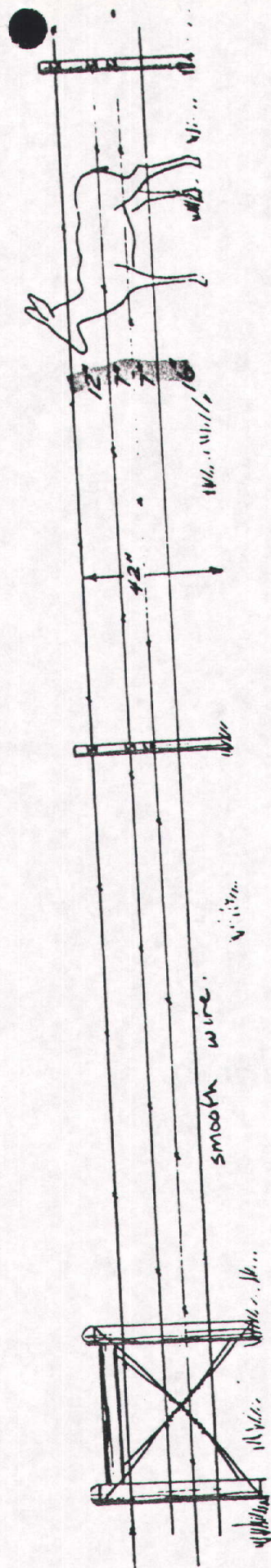


Figure 2a. Standard configuration.

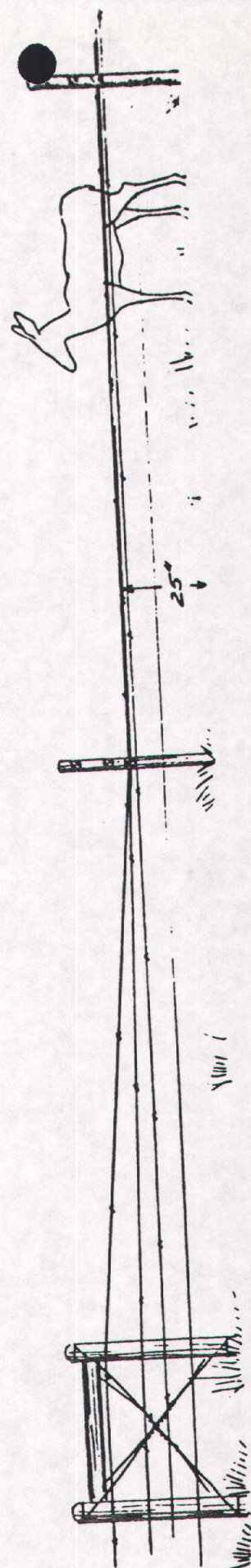


Figure 2b. Modification allowing nearly free movement.



BARRIER HEIGHT INCREASE OF 42" FENCE ON CONTOUR  
OF DIFFERENT PERCENT SLOPES

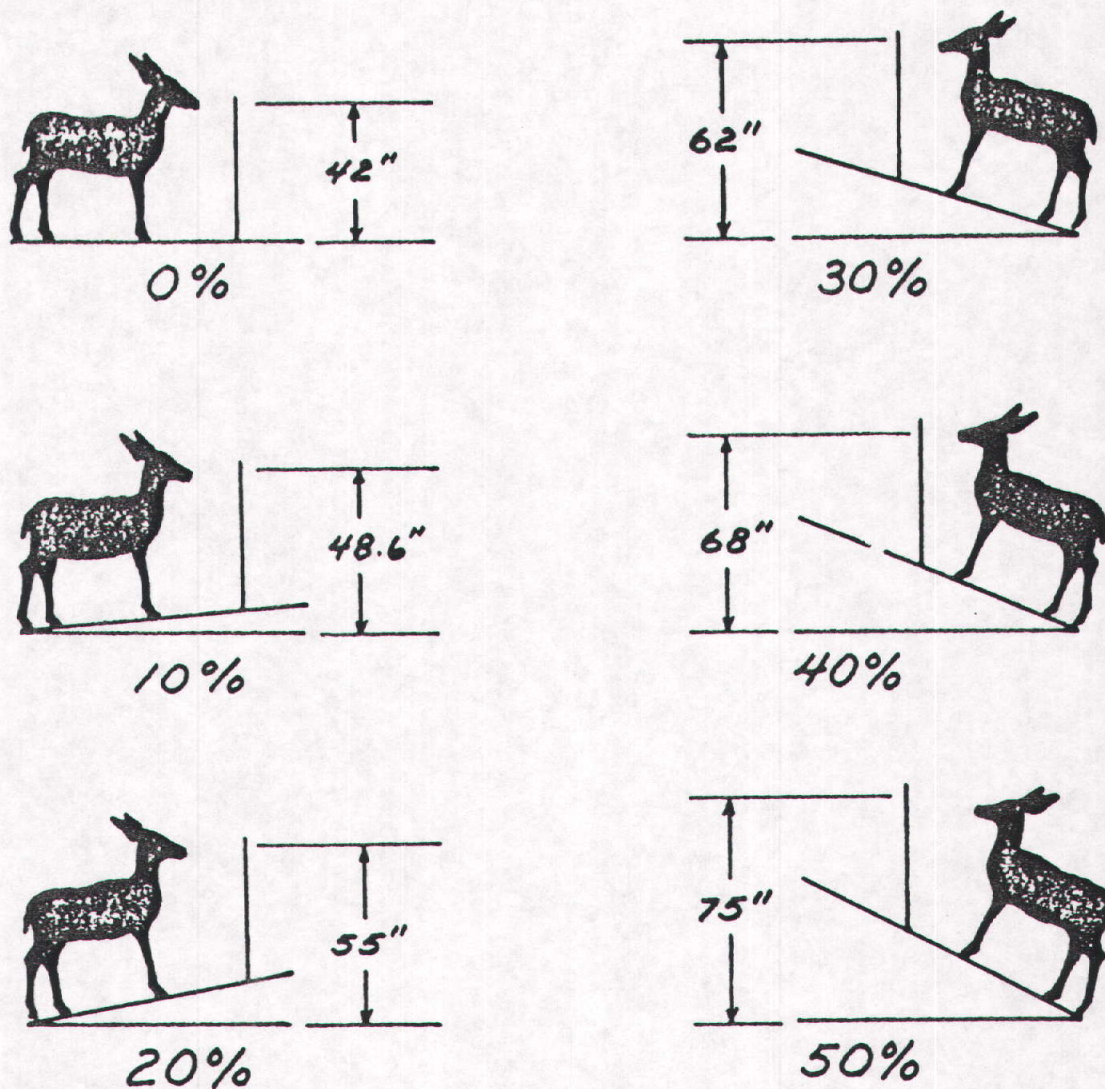


Figure 3

Adapted from: Anderson and Bernt, 1979, Big Game vs. Fences.  
BLM Inf. Memo DSO 79-108, Denver, CO

Attachment B